

Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

CAPTAIN PETER D. SQUICCIARINI **Marine Expert**

OVERVIEW

Captain Squicciarini served in the U.S. Navy for over 28 years. He has commanded a number of U.S. Navy ships and craft, including Destroyers, Cruisers, and a Squadron of Destroyers. He has extensive training and experience in worldwide maritime operations and has sailed over 200,000 miles at sea. Additionally, Captain Squicciarini has in-depth experience in marine engineering, maintenance, and repairs to ships' technical systems.

Complementing Captain Squicciarini's Navy career, he has trained and worked on commercial passenger, fishing, tugs, and maritime law enforcement vessels and craft. He is an accomplished yachtsman and recreational boater in both power and sail. He is also experienced in operations, repairs, and maintenance of boats, craft, and marinas.

Captain Squicciarini holds a U.S. Coast Guard Merchant Marine Officer Master's License with Auxiliary Sail and Towing Assistance endorsements.

Captain Squicciarini has earned an advanced degree in Maritime Intermodal Transportation and has been active in the port industry.

Captain Squicciarini has been with Robson Forensic, Inc. since 2006, providing technical investigations, analysis, reports, and testimony preparation towards the resolution of commercial litigation cases and personal injury cases involving commercial vessels and pleasure craft.

PROFESSIONAL EXPERIENCE

Vessel Operations

Experienced in seamanship, ocean vessel/ high speed craft/ sailing vessels boat handling, navigation methods and equipments/charts, statutory Navigation Rules, vessel/boat loading and stability, ship and boating afloat safety, maritime communications, domestic and international governing regulations and practices, environmental protection and pollution prevention compliance, search and rescue, medical care at sea, including medical evacuations from vessels, operations of helicopters and aviation facilities afloat, inspection and survey of vessels, maritime security and vessel defense, afloat law enforcement, marine insurance and salvage, overland/marine cargo boat transport, deck personnel training, competitive sailboat racing ,and weather and oceanography.

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Marine Engineering

Experienced in design, application, installation, operation, maintenance, repair, quality assurance, material/component failures, and testing of vessels' marine propulsion, electrical generation, and auxiliary machinery systems, including diesel engines, gas turbines, steam engineering, electric motors, outboard motors and inboard-outboard boat propulsion. Conducted vessel stability, ballasting, and fueling operations. Supervised and conducted vessel and boat construction/modifications, use of materials, and assembly techniques. Piping and valve systems design, maintenance, and repairs. Pumps. Propellers and water jets installations. Steering, stabilizing, and control systems, maintenance, and applications. Usage of compressors, refrigeration, heating and ventilation systems, cathodic/corrosion protection systems. Marine paint coatings preparations, applications, and VOC safety. Trained and qualified in installation, testing, maintenance and repairs of marine damage control, emergency, and fire safety systems, sensors and detectors, alarms, controls, and extinguishing agents, including Halon, CO2, chemical, sprinkling, and foam systems, and personnel protection equipments. Experienced in flooding damage control, dewatering, and vessel sinkings. Toxic atmosphere safety and hazardous material/waste handling, stowage, and disposal. Engineering system, modifications, calibration, and marine tools. Responsible for preparations and conduct of ships' drydockings. Establishing and managing personnel training programs for marine safety/workplace. Program management for training and qualifications of engineering personnel equipment operating, repairing, and maintenance techniques.

Marinas, Shipyards, Boatyards

Experienced in Marinas', Shipyards', and Boatyards' service repairs, maintenance, equipment installations, and craft final outfitting commissioning. Inspected marina, ship/boatyards services systems; water, electricity, lighting, fuel, sewage, contaminant catchments, piers; both fixed and floating, ladders, walk ramps and boarding steps, mooring systems including anchorages, ashore storage; buildings, racks, cradles, blocking, jack stands, marine travel lifts, railways, boat fork lifts, launch ramps, work personnel and customer safety.

PROFESSIONAL POSITIONS

U.S. Navy

Harbor Pilot, (Under Instruction) ('03-'04)

Assisted in ship navigation and movements to and from piers and docks. Sailings of U.S. Navy vessels up to and including nuclear aircraft carriers. Onboard commercial tug boats observation as additional Harbor Pilot training.

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Commanding Officer, Atlantic Fleet Training Command ('00-'03)

Responsible for Atlantic Fleet ships' maritime training, operational evaluation, qualification, and certifications for worldwide deployments

Commanding Officer, USS MONTEREY (USN Cruiser) ('98-'00)

Responsible for ship's worldwide navigation and operations including safety, engineering, maintenance, repairs, and legal compliance. (See duties and responsibilities as Commanding Officer, USS CARON and Commodore, DESTROYER SQUADRON TWENTY)

Commodore/Commanding Officer, DESTROYER SQUADRON 20 ('97-'98)

Responsible for oversight of four U.S. Navy ships and their crews, ships' worldwide operations, safety, navigation, engineering operations, maintenance, repair scheduling, including shipyard work, equipment certification, personnel training and qualifications, and regulatory compliance.

Staff Officer, Joint Chiefs Of Staff and Office of Secretary Of Defense. ('95-'97)

Responsible for U.S. Government policy formulation, including maritime security and trade policies.

Commanding Officer, USS CARON (USN Destroyer) ('92-'94)

Responsible for ship's and crew's worldwide operations, safety, navigation, engineering, maintenance, repairs, and legal compliance. Drydocked ship for complex repairs and maintenance in a commercial shipyard.

Student, U.S. Navy Commanding Officer Operations and Engineering School ('91-'92)

Personnel Assignment and Placement Officer ('89-'91)

Responsible for assignment of officers to all U.S. Navy ships, including their operational and engineering training for billeted positions.

Executive Officer, USS Thorn (USN Destroyer) ('87-'89)

Second in command, responsible to the Commanding Officer, for ship's preparations and readiness for worldwide operations. Ship's assigned Navigation Officer. Oversight and leadership of subordinate officers for all ship's operations, including engineering, damage control, repairs, crew training and shipboard safety programs.

Staff Officer, Chief of Naval Operations ('86-'87)

Responsible for Navy ships' engineering repairs, modifications, and maintenance readiness.

Executive Officer, USS PEGASUS (USN Hydrofoil) ('84-'86)

Second in command, responsible to the Commanding Officer, for ship's readiness for Atlantic Fleet operations. Ship's assigned Navigation Officer. Leadership of subordinate officers and crew for ship's operations, engineering, damage control, maintenance, repairs, training, and shipboard safety programs. Supervised ship's overhaul, drydocking, repairs, and modifications.

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Ship was an advanced technology, High Speed vessel, involving unique architecture, design, materials, construction, operations and handling performance characteristics, engineering systems, and navigation techniques.

Engineer Officer, USS STUMP (USN Destroyer) ('82-'84)

Chief Engineering officer, responsible for all marine and naval engineering operations, maintenance, and repairs onboard ship. Operated engineering systems for extended periods of time. Conducted at-sea repairs. Assigned as Damage Control, Quality Assurance, Hull Inspector, Drydocking, Maintenance, Repair, and Safety officer duties. Qualified as operating naval engineer supervisory watch officer. Conducted ship overhaul and repairs, including multiple drydockings.

Student, U.S. Navy Ship's Advanced Operations and Engineering Officer School ('81-'82)

Instructor, U.S. Naval Academy ('79-'81)

Instructed midshipman in celestial and electronic navigation, coastal piloting, vessel seamanship, craft/boat handling, safety, weather, and craft operations. Navigation course curriculum leader. Organized and lead midshipman sail training program. In charge of U.S. Navy craft, and sail training vessels. Conducted at sea training cruises for midshipman, responsible for crew and craft safety. Coached ocean yacht racing crews. U.S. Navy representative to The Institute of Navigation.

Deck/Engineering Watch Officer, USS McCANDLESS (USN Frigate) ('75-'79)

Watch officer for ship's navigation, seamanship, and at sea operations. Engineering watch officer on steam powered, gear driven propulsion plant. Conducted ship's overhaul, repairs, and modifications, including drydocking, in a naval shipyard.

Student, U.S Navy Ship's Operations and Engineering School.

Commercial Vessels

Master, M/V Spirit of Potomac, ('95)

Relief Master of commercial dinner cruise passenger vessel. 600 passenger vessel capacity. Responsible for all vessel operations, focused on passenger safety. Performed navigation, steering, docking, undocking, engineering start-up, operation, and shutdown. Trained and drilled civilian mariner crew members. Conducted minor maintenance tasks.

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Commercial Fisherman/Marina/Boatyard Worker

Shell fishing, fin fishing, and marina/boat yard assistant.

INDUSTRY

Business Group Manager for marine engineering firm . Planned and supervised installation of engineering modifications for naval ships.

Director of Business Development for a maritime communications firm. Participated in maritime communications operations and technical engineering designs, marketing, and working demonstrations on afloat craft for clients.

LICENSING

United States Coast Guard Merchant Marine Officer—Master of Steam, Motor, Auxiliary Sail Vessels, and Towing Assistance.

EDUCATION and TRAINING

M.S., Intermodal Transportation, Industrial College of the Armed Forces,
National Defense University ('94-'95)

B.S., Oceanography, U.S. Naval Academy ('71-'75)

Executive Program, Syracuse University ('97)

Military Sealift Command Civilian Mariner Firefighting/Damage Control STCW training.

PUBLISHING

Editor assistance, Time-Life Library of Boating Book Series;
Navigation and Seamanship volumes.

Cruising World magazine contributing author.

PROFESSIONAL MEMBERSHIPS

Hampton Roads Maritime Association.

International Association Of Marine Investigators.

Boat Owners Association of the United States.

American Society of Naval Engineers.

International Hydrofoil Society.